

LIFTBOAT QUESTIONS (enter in BOOK 4)

1757. You are operating a lift boat. Before starting jacking operations you should _____.

- A. put the crane in a vertical position
- B. close the wheelhouse doors
- C. have all personnel don life jackets
- D. put a watch in the engine room

ANS. C

1759. You are operating a lift boat. When beginning to jack down you should _____.

- A. jack down one leg at a time
- B. jack up first, then down
- C. undog doors to the engine room
- D. assemble all personnel on the main deck

ANS. B

1762. You are operating a lift boat. When jacking down and free of the bottom you should _____.

- A. raise one leg at a time
- B. not be concerned about any list
- C. raise all legs simultaneously
- D. have the crane standing upright

ANS. C

1763. You are operating a lift boat. When jacking down and a leg becomes stuck on the bottom, you should _____.

- A. raise the free legs all the way
- B. use the engines to rotate about the leg that is stuck
- C. jack the barge down part way to pull the leg free
- D. submerge the barge completely to give added pull

ANS. C

1766. You are operating a lift boat. In preparation for jacking you should _____.

- A. make sure walkway is hanging over the bow
- B. make sure that all boats alongside are securely fast
- C. check that all equipment on deck is secured
- D. have all personnel remain in their quarters

ANS. C

1758. A flooded leg on a lift boat would adversely affect the vessel's stability underway by _____.

- A. increasing the righting moment
- B. decreasing the vessel's displacement
- C. increasing the reserve buoyancy
- D. shifting the CG (center of gravity) off center

ANS. D

1760. After jacking down your lift boat you have an unexpected list. You find that the only cause of this list must be a flooded leg. Your next course of action should be to _____.

- A. jack the vessel back up to a safe height
- B. proceed on to your next destination since the list is unimportant
- C. pump out all ballast to gain reserve buoyancy
- D. notify the U. S. Coast Guard

ANS. A

1761. After jacking down your lift boat you have an unexpected list. You find that the only cause of this list must be a flooded leg. The list caused by a flooded leg means your vessel has a(n)_____.

- A. negative GM (metacentric height)
- B. decrease in the GZ (righting arm)
- C. increase in the waterplane and the metacentric height
- D. less chance of deck edge immersion

ANS. B

1764. After jacking down your lift boat you have an unexpected list. You find that the only cause of this list must be a flooded leg. Raising the flooded leg further would adversely affect the boats stability by _____.

- A. raising the KG and increasing the draft which may put you in an unsafe operating condition
- B. increaing GM and causing a fast roll
- C. increasing the righting arm on the high side
- D. causing the vessel to yaw when underway

ANS. A

1765. After jacking down your lift boat you have an unexpected list. You find that the only cause of this list must be a flooded leg. To keep adequate stability you should _____.

- A. get underway with the flooded leg ONLY half raised to reduce KG
- B. proceed with all legs half raised to lower KG
- C. pump out all ballast to increase reserve buoyancy
- D. jack back up and ballast the vessel's high side as necessary

ANS. D